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014113522 **Image available**

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Method for matching spectacles to potential wearer via Internet, in which wearer records images of themselves wearing reference marker, using digital camera connected to computer and these are transmitted to server

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Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 10007705	A1	20010906	DE 1007705	A	20000219	200168 B

Priority Applications (No Type Date): DE 1007705 A 20000219

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 10007705	A1	6	A61B-003/11	

Abstract (Basic): DE 10007705 A1

NOVELTY - Method in which a digital camera linked to a computer is used to take a picture of a person wanting to select new glasses. When the picture is taken, a reference marking of known dimensions is placed on the person's head. The reference point is used to determine essential dimensions for fitting glasses, in particularly the distance between the pupils is determined.

DETAILED DESCRIPTION - Other useful data are the size and length of the eyebrows and nose with reference to the pupils. The computer is connected to a network, e.g. the Internet, for transmission of the relevant image and or dimensions to an optician. The latter can then determine which frames are suitable taking into account a wearers lens prescription. Images can be sent back to a customer showing what they would like in various glasses.

USE - Fitting of spectacles without a person needing to individually visit an optician.

ADVANTAGE - Spectacles can be fitted to a wearer without their having to visit an actual optician.

DESCRIPTION OF DRAWING(S) - Figure shows a block diagram of the invention.

Potential wearer (1)

Marker on forehead (12)

Computer (3)

Printer (5)

Internet (7)

Server (8)

Databases containing frame and lens details (9, 10)

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Derwent Class: P31; P81; S02; S05; T01

International Patent Class (Main): A61B-003/11

International Patent Class (Additional): G02C-013/00; G06T-007/60